



GP/2176

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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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(to be used for all correspondence after initial filing)

Application Number	10/081,129
Filing Date	February 21, 2002
First Named Inventor	Jamey Graham
Group Art Unit	2176
Examiner Name	Unassigned
Attorney Docket Number	015358-006600US

Total Number of Pages in This Submission

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm and Individual name	Townsend and Townsend and Crew LLP Sujit B. Kotwal		Reg. No. 43,336
Signature	S. B. Kotwal		
Date	May 28, 2002		

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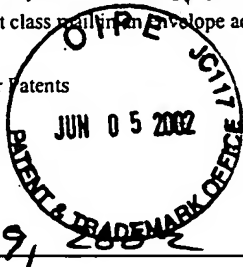
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

JAMEY GRAHAM

Application No.: 10/081,129

Filed: February 21, 2002
For: MULTIMEDIA VISUALIZATION
AND INTEGRATION ENVIRONMENT

Examiner: Unassigned

Art Unit: 2176

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.97 and
§1.98

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

The references cited on attached form PTO/SB/08B are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement, since it is being submitted prior to the first Office Action. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 201430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

S. B. Kotwal

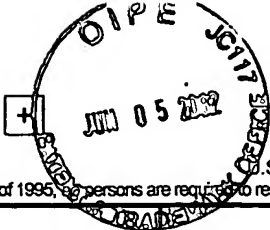
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Sheet 1 of 5

Complete if Known

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Attorney Docket Number	015358-006600US

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1.	Adobe Premiere (video editing software) from Http://www.adobe.com (2002).	
	2.	BOBICK et al. "A State Based Approach to the Representation and Recognition of Gesture," IEEE Trans. on Pattern Analysis and Machine Intelligence, pp. 1325-1337 (1997).	
	3.	BORECZKY, J. et al. "An Interactive Comic Book Presentation for Exploring Video," Conference on Human factors in Computing Systems (CHI 2000), ACM Press, pp. 185-192, 2000.	
	4.	BOYKIN et al, "Improving Broadcast News Segmentation Processing," IEEE Multimedia '99 (1999).	
	5.	BOYKIN et al. "Machine learning of Event Segmentation for News on Demand," Communications of the ACM, 43:35-41(2000).	
	6.	BROWN et al. "Automatic Content-Based Retrieval of Broadcast News," ACM Multimedia 5, San Francisco, CA (1995).	
	7.	CAJ et al. "Integrated Multimedia Publishing – Combining TV and Newspaper Content on Personal Channels," WWW8 Conference, 1999.	
	8.	CHEN et al. "Emotion Recognition from Audiovisual Information," Proc. IEEE Workshop on Multimedia Signal Processing, Los Angeles, CA, USA, pp. 83-88 (1998).	
	9.	CHEN et al. "ViBE: A Video Indexing and Browsing Environment," Proceedings of the SPIE Conference on Multimedia Storage and Archiving Systems September 20-22, 1999, Boston 3846:148-164 (1999).	
	10.	CHIU et al. "NoteLook: Taking Notes in Meetings with Digital Video and Ink," ACM Multimedia 99 Orlando, (1999).	
	11.	CHIU et al. "Automatically linking multimedia meeting documents by image matching," Proceedings of Hypertext '00. ACM, New York, pp. 244-245 (2000).	
	12.	CHRISTEL et al. "Evolving Video Skims into Useful Multimedia Abstractions," Proceedings of the CHI '98 Conference on Human Factors in Computing Systems (Los Angeles, CA, April 1998), pp. 171 –178 (1998).	
	13.	CHRISTEL et al. "Information Visualization within a Digital Video Library," Journal of Intelligent Information Systems 11:35-257 (1998).	
	14.	DELLAERT et al. "Recognizing emotion in speech," Proceedings ICSLP 96. Fourth International Conference on Spoken Language Processing New York (Cat. No. 96TH8206). IEEE. Vol:1970-1973 (1996).	
	15.	DIMITROVA et al. "Video Keyframe Extraction and Filtering: A Keyframe is not a Keyframe to Everyone," CIKM 1997:113-120 (1997).	

Examiner Signature		Date Considered	
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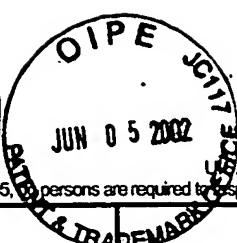
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Sheet 2 of 5

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Filing Dat	February 21, 2002
First Named Invent r	Jamey Graham
Group Art Unit	2176
Examiner Name	Unassigned
Attorney Docket Number	015358-006600US

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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

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	16.	DOERMANN et al. "Applying Algebraic and differential invariants for logo recognition," Machine Vision and Applications 9:73-86 (1996).	
	17.	DONATO et al. "Classifying Facial Actions", IEEE Trans. on Pattern Analysis and Machine Intelligence, 21:974-989 (1999).	
	18.	ESSA et al. "Coding Analysis Interpretation and Recognition of Facial Expressions, IEEE Trans. on Pattern Analysis and Machine Intelligence, 19:757-763 (1997).	
	19.	Face recognition techniques described at web site http://www.visionics.com (2002).	
	20.	FOOTE, Jonathan, et al. "An Intelligent Media Browser using Automatic Multimodal Analysis," ACM Multimedia 8, Bristol, UK (1998).	
	21.	FURUI et al. "Japanese Broadcast News Transcription and Information Extraction," Communications of the ACM, 43(2):71-73, Feb 2000.	
	22.	GAUVAIN et al. "Transcribing Broadcast News for Audio and Video Indexing," Communications of the ACM, 43:64-70 (2000).	
	23.	GIBBON "Generating Hypermedia Documents from Transcriptions of Television Programs Using Parallel Text Alignment," Handbook of Internet and Multimedia Systems and Applications, David C. Gibbon; CRC Press, (1998).	
	24.	GORDON "Using annotated video as an information retrieval interface," ACM Proceedings of the 5th international Conference on Intelligent User Interfaces New Orleans pp. 133 - 140 (2000)	
	25.	HAUPTMANN et al. "Text, speech and vision for video segmentation: the informedia project," Proc. AAAI Fall Symp. Computational Models for Integrating Language and Vision, Boston, MA, Nov. 10-12, 1995.	
	26.	HAUPTMANN et al. "Story Segmentation and Detection of Commercials in Broadcast News Video," Advances in Digital Libraries Conference, Santa Barbara, CA, April 22-23 1998.	
	27.	HE et al. "Comparing Presentation Summaries: Slides vs. Reading vs. Listening," Conference on Human factors in Computing Systems (CHI 2000), April 1-6, 2000.	
	28.	HECHT "Embedded data glyph Technology for Hardcopy Digital Documents," Proc. SPIE 2171:341-352 (1994).	

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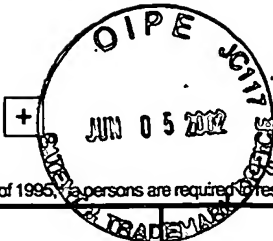
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29.	HECHT "Printed Embedded Data Graphical User Interfaces," IEEE Computer, March 2001.	
30.	HU et al. "Multimedia Description Framework (MDF) for content descriptions of Audio/Video Documents," Fourth ACM Conference on Digital Libraries (DL '99) August 11-14, 1999.	
31.	IOFFE et al. "Finding people by sampling," Proc. International Conference on Computer Vision, pp. 1092-1097 (1999).	
32.	JIN et al. "Topic Tracking for Radio, TV Broadcast, and Newswire," Proceedings of the DARPA Broadcast News Workshop, Feb. 28-Mar 3, 1999, Hemdon, VA.	
33.	KOMLODI et al. "Key Frame Preview Techniques for Video Browsing," (Proceedings of the 3rd ACM International Conference on Digital Libraries, June 23-26, 1998, Pittsburgh, pp. 118-125 (1998).	
34.	LI et al. "Automatic Text Detection and Tracking in Digital Video," IEEE Transactions on Image Processing – Special Issue on Image and Video Processing for Digital Libraries, 9:147-156 (2000).	
35.	LI et al. "Text Extraction and Recognition in Digital Video," Proceedings of Third IAPR Workshop on Document Analysis Systems, pp. 119-128, 1998.	
36.	LI et al. "VISION: a digital video library," Proceedings of the 1st ACM International Conference on Digital Libraries, pp. 19-27, 1998.	
37.	LIANG et al. "Practical video indexing and retrieval system SPIE 3240:294-303, (1988).	
38.	LIENHART et al. "On the Detection and Recognition of Television Commercials," Proc. IEEE Conf. on Multimedia Computing and Systems, Ottawa, Canada, pp. 509-516, June 1997.	
39.	MA et al. "An Indexing and Browsing System For Home Video," Invited paper, EUSIPCO '2000, 10th European Signal Processing Conference, 5-8, Sept. 2000, Tampere, Finland.	
40.	MAYBURY "News on Demand," Communications of the ACM, 43:33-34 (2000).	
41.	MAYBURY et al. "Segmentation, Content Extraction and Visualization of Broadcast News Video Using Multistream Analysis," AAAI Paper (1997).	
42.	MAYBURY et al. "Multimedia Summaries of Broadcast News," International Conference on Intelligent Information Systems pp. 447-449 (1997).	
43.	MAYBURY et al. "Multimedia Summaries of Broadcast News," International Conference on Intelligent Information Systems, December 8-10, 1997.	
44.	MERIALDO et al. "Automatic Construction of Personalized TV News Programs," Seventh ACM International Multimedia Conference, Orlando November 1999.	
45.	MERLINO et al. "Broadcast News Navigation using Story Segmentation," Advanced Information Systems Center, The MITRE Corporation (1997).	

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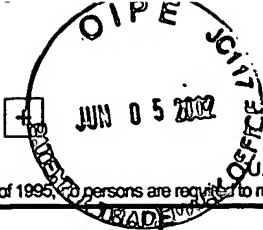
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Sheet 4 of 5

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Attorney Docket Number	015358-006600US

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46.	MERLINO et al. "Broadcast News Processing Techniques," MITRE Technical Report, MTR 99B0000031, April 1999.	
47.	MOHAN "Text-based search of TV news stories," Proc. SPIE 2916:2-13 (1996).	
48.	MYERS et al. "Multi-View Intelligent Editor for Digital Video Libraries," First ACM and IEEE Joint Conference on Digital Libraries, June 24-28, 2001, Roanoke, VA, pp. 106-115.	
49.	OH et al. "Efficient and Cost-effective Techniques for Browsing and Indexing Large Video Databases," SIGMOD Conference 2000: 415-426	
50.	PHOTINA et al. "Improving acoustic models with captioned multimedia speech," Proceedings IEEE International Conference on Multimedia Computing and Systems, 2:767-71 (1999).	
51.	ROWLEY et al. "Neural network-based face detection," IEEE Transactions on Pattern Analysis and Machine Intelligence," 20:23-38 (1998).	
52.	SHAHARARAY et al. "Automated Authoring of Hypermedia Documents of Video Programs," ACM Multimedia 95, November 5-9, 1995, San Francisco, CA (1995).	
53.	SHAHARARAY et al. "Automatic generation of pictorial transcripts of video programs," Proceedings of the SPIE- Int. Soc. Opt. Eng. 2417:512-518 (1995).	
54.	SHAHARARAY et al. "Pictorial transcripts: multimedia processing applied to digital library creation," 1997 IEEE First Workshop on Multimedia Signal Processing pp. 581-586 (1997).	
55.	SMITH et al. "Video Skimming and Characterization through the Combination of Image and Language Understanding," Computer Vision and Pattern Recognition IEEE 1997.	
56.	SONMEZ et al. "Multiple speaker tracking and detection: handset normalization and duration scoring," Digital Signal Processing 10:133-143 (2000).	
57.	SUDA et al. "Logo and word matching using a general approach to signal registration," Fourth International Conference on Document Analysis and Recognition, Ulm, Germany, August 18-20, 1997, pp. 61-65.	
58.	TENNENHOUSE et al. "A software-oriented approach to the design of media processing environments," Proceedings of the IEEE International Conference on Multimedia Computing and Systems, pp. 435-444 (1994).	
59.	TONOMURA et al. "VideoMAP and VideoSpacelcon : tools for anatomizing video content," Proc. INTERCHI '93 ACM pp 131-136 (1993).	
60.	UCHIHASHI et al. "Summarizing Video Using a Shot Importance Measure and a Frame-Packing Algorithm," Proceedings of the International Conference on Acoustics, Speech, and Signal Processing (Phoenix, AZ) 6:3041-3044 (1999).	
61.	UCHIHASHI et al. "Video Manga: Generating Semantically Meaningful Video Summaries," ACM Multimedia 99, Orlando, Florida, October 30-November 5, 1999.	
62.	Video content management and publishing software from Virage http://www.virage.com (2002).	

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63.	"Video Mail Retrieval Using Voice" Cambridge University Engineering Department Computer Laboratory and Olivetti Research Laboratory summary of research found at http://svr-www.eng.cam.ac.uk/research/projects/vmr/ (1997).
64.	WACTLAR et al. "Complementary Video and Audio Analysis for Broadcast News Archives," Communications of the ACM, 43:42-47 (2000).
65.	WACTLER et al. "Intelligent access to digital video: Informedia project," Computer 29:46-52 (1996).
66.	WEISS et al. "Composition and Search with a Video Algebra," IEEE Multimedia 2:12-25 (1995).
67.	WITTENBURG et al. "Browsing with Dynamic Key Frame Collages in Web-Based Entertainment Video Services," In Proceedings of IEEE International Conference on Multimedia Computing and Systems, June 7-11, 1999, Florence, Italy 2:913-918 (1999).
68.	ZHANG et al. "Detection of text Captions in Compressed domain Video," International Multimedia Conference Proceedings of the 2000 ACM workshops on Multimedia 2000, Los Angeles, California, United States pp. 201 - 204.

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